STIC Search Report
EIC 2100

TO: Cheryl Lewis
Location: 4Y03
Art Unit : 2177
Wednesday, March 03, 2004

Case Serial Number: 09/407650

From: David Holloway
Location: EIC 2100
PK2-4B30
Phone: 308-7794

david.holloway@uspto.gov

Search Notes

Dear Examiner Lewis,

Attached please find your search results for above-referenced case.
Please contact me if you have any questions or would like a re-focused search.

David

sira
Search and Information
Resources Administration

Today's Date: 3/3/2004

What date would you like to use to limit the search?

Priority Date: 9/28/1999   Other:

Name: Cheryl Lewis

AU 2179   Examiner # 72314

Room # 4403   Phone 305-8750

Serial # 09/407,650

Format for Search Results (Circle One):

(PAPER)   DISK   EMAIL

Where have you searched so far?

(USP) DWPI (EPO) (JPO) ACM   IBM TDB

IEEE   INSPEC   SPI   Other _____

Is this a "Fast & Focused" Search Request? (Circle One)   YES   NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at http://ptoweb/patents/stic/stic-tc2100.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

A database clean-up system that organizes e-mail messages in a hierarchy of folders within a database.

Folders containing messages to be retained are set with a first flag or off-line flag.

Folders including messages to be deleted are set with a cleanup flag or second flag.

The deleted messages within the folders having the cleanup flag or second flag marked and the off-line flag or first flag unmarked.

STIC Searcher _David Holloway_   Phone _308.7794_

Date picked up _3-3-04_   Date Completed _3-3-04_

```
Set      Items    Description
S1       23681    EMAIL OR (E OR ELECTRONIC)()(MAIL? OR MESSAG?) OR EMESSAG?
S2       109583   DELET? OR CLEAN()OUT? ? OR EXPUNGE? OR KILLFILE? OR ERAS?
S3       306176   FOLDER? OR BOX? OR DIRECTORY
S4       202558   FLAG? ? OR TAG? ? OR INDICATOR? ?
S5       7738433  ORGANIZ? OR BULK? OR ORGANIS? OR ARRANG? OR SYSTEM? OR MET--
                  HOD? OR PROCEDUR?
S6       1700634  RETAIN? OR KEEP? OR SAVE? OR STORE?
S7       4837     (SECOND OR DIFFERENT? OR 2ND OR TWO OR 2 OR MULTIPL?)(N)S4
S8       717      S1 AND S2
S9       113      S8 AND (S3 OR S4)
S10      1        S9 AND S7
S11      1        S8 AND S7
S12      1        S1 AND S7 AND S2
S13      136      S1 AND S4 AND S5 AND (S6 OR S2)
S14      12       S13 AND S3
S15      13       S10 OR S14
S16      841      S7 AND (S2 OR S6)
S17      9        S16 AND S3
S18      1        S17 AND (EMAIL? OR MESSAG? OR MAIL?)
S19      27800    (SEPARATE? OR DIFFERENT? OR ANOTHER? OR EXTRA OR SPARE OR -
                  MULTIPL? OR PLURAL? OR TWO OR 2)(2N)S3
S20      75       S19 AND S1
S21      42       S20 AND (S6 OR S2)
S22      39       S21 AND IC=(G06F? OR H04L?)
S23      60       S22 OR S15 OR S17 OR S18
S24      53       S23 AND IC=(G06F? OR H04L?)
S25      53       IDPAT (sorted in duplicate/non-duplicate order)
S26      49       IDPAT (primary/non-duplicate records only)
File 347:JAPIO Oct 1976-2003/Oct(Updated 040202)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200415
         (c) 2004  Thomson Derwent
```

015645007   **Image available**
WPI Acc No: 2003-707190/200367
XRPX Acc No: N03-564907
   Selective message deletion   method **in handheld personal computer,
   involves determining whether** folders **containing messages is in
   hierarchy, based on which message is** deleted
Patent Assignee: MICROSOFT CORP (MICT)
Inventor: MANSOUR P M; SHERMAN R; WHITNEY D C
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 6578052   B1   20030610   US 99407828   A   19990928   200367 B

Priority Applications (No Type Date): US 99407828 A 19990928
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6578052   B1   14 G06F-017/30

Abstract (Basic): US 6578052 B1
     NOVELTY - **Folders** containing messages that are to be **retained**
with predetermined **flag** , are marked. Message linked to the **folder**
in hierarchy belonging to the service root and not marked with the
flag is **deleted** , when determined that the **folder** is in hierarchy.
The determination result is **stored** in a cache of the client.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:
     (1) storage medium storing message **deletion** program; and
     (2) selective message **deletion** apparatus.
     USE - For selectively **deleting** message such as **e - mail** linked
to **folders** in database of handheld personal computer (PC), palm size
PC in client/server computing network.
     ADVANTAGE - The **e - mails** are **deleted** selectively with improved
efficiency.
     DESCRIPTION OF DRAWING(S) - The figure shows a schematic block
diagram of the client/server computer network.
     pp; 14 DwgNo 4/7
Title Terms: SELECT; MESSAGE; **DELETE** ; **METHOD** ; PERSON; COMPUTER;
  DETERMINE; **FOLDER** ; CONTAIN; MESSAGE; HIERARCHY; BASED; MESSAGE; **DELETE**

Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013592195   **Image available**
WPI Acc No: 2001-076402/200109
XRPX Acc No: N01-058283
   Electronic   mail **message management** system **for computer connected to
   network, has search controller to search for unreplied messages and**
   store **it in operational database temporarily**
Patent Assignee: NEC CORP (NIDE   )
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2000322337 A   20001124   JP 99127966   A   19990510 200109 B

Priority Applications (No Type Date): JP 99127966 A 19990510
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2000322337 A   7 G06F-013/00

Abstract (Basic): JP 2000322337 A
      NOVELTY - A receiving controller (1a) **stores** the received message
   (2) in mail **box** (3). A reply **flag** indicating the reply situation
   and term of message is set by environmental setting controller (1d) and
    stored in database (5). Any unreplied message sensed in the mail **box**
   , by search controller (1c) is **stored** in operation database (4)
   temporarily.
      DETAILED DESCRIPTION - A transmission controller (1b) releases the
   reply **flag** indicating reply situation and reply term of message
   stored in mail **box** (3), whenever a reply is sent in response to
   received message.
      USE - **Electronic   mail** message management **system** for computers
   connected in network.
      ADVANTAGE - Delay by user to reply for the message can be prevented
   as the unreplied message is detected and reply **flag** is set
   corresponding to reply situation of message.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
   electronic   mail message management **system** .
      Receiving controller (1a)
      Transmission controller (1b)
      Search controller (1c)
      Environmental setting controller (1d)
      Message (2)
      Mail **box** (3)
      Database (5)
      pp; 7 DwgNo 1/9
Title Terms: ELECTRONIC; MAIL; MESSAGE; MANAGEMENT; **SYSTEM** ; COMPUTER;
  CONNECT; NETWORK; SEARCH; CONTROL; SEARCH; MESSAGE; STORAGE; OPERATE;
  DATABASE; TEMPORARY
Derwent Class: T01
International Patent Class (Main): **G06F-013/00**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

013465147   **Image available**
WPI Acc No: 2000-637090/200061
XRPX Acc No: N00-472388
  Self-cleaning method **of** electronic   mail   box , **involves determining
  if messages expired and acting upon message if it is expired**
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE   )
Inventor: BERKOWITZ P A; FOSTER R H
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6088720	A	20000711	US 97902443	A	19970729	200061	B

Priority Applications (No Type Date): US 97902443 A 19970729
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6088720	A		6	G06F-015/16	

Abstract (Basic): US 6088720 A
      NOVELTY - The self-cleaning **method** involves identifying that a
   message is tagged for expiration and determining whether the message is
   expired. The message is acted upon by selectively forwarding the
   message if the message is expired.
      DETAILED DESCRIPTION - The expiration **tag** has a data field and
   time field whose contents are variable and settable by message creator.
   The message contains a field enabling selective forwarding to
   destination identified by the message.
      USE - For self-cleaning of **electronic   mail   boxes** in message
   communication **system** .
      ADVANTAGE - Enables **electronic   mail   boxes** to **delete** from
   storage, mark as expired, sort by expiration data, suppress from view
   or forward to additional parties **electronic   messages** having an
   expiration date that has expired. The creator of message sets the
   expiration data to correspond with a date and time at which the message
   is to be considered expired.
      DESCRIPTION OF DRAWING(S) - The figure shows the high level
   flowchart of self-cleaning **electronic   mail   box** .
      pp; 6 DwgNo 2/2
Title Terms: SELF; CLEAN; **METHOD** ; ELECTRONIC; MAIL; **BOX** ; DETERMINE;
  MESSAGE; EXPIRE; ACT; MESSAGE; EXPIRE
Derwent Class: T01
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

013262351   **Image available**
WPI Acc No: 2000-434256/200038
XRPX Acc No: N00-324296
  Directory system for electronic   mail   **system, has delay updating
  execution unit that updates directory data in database based on condition
  of operating data** stored **in updating reservation log memory**
Patent Assignee: HITACHI LTD (HITA   )
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2000148570 A   20000530 JP 99242710   A   19990830 200038 B

Priority Applications (No Type Date): JP 98258229 A 19980911
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2000148570 A   23 G06F-012/00

Abstract (Basic): JP 2000148570 A
     NOVELTY - A delay updating execution unit updates the directory
  data in a database (9) when the condition of operating data **stored** in
  an updating reservation log memory is done according to the updated
  content in an updating demand. The updating reservation log memory in a
  directory server (2) **stores** the operating condition data based on
  the updating demand from a client (1).
     USE - For **electronic   mail** system.
     ADVANTAGE - Ensures reliable update of directory database at
  desired stage.
     DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a
  directory system.
     Client (1)
     Directory server (2)
     Database (9)
     pp; 23 DwgNo 1/33
Title Terms: DIRECTORY; SYSTEM; ELECTRONIC; MAIL; SYSTEM; DELAY; UPDATE;
  EXECUTE; UNIT; UPDATE; DIRECTORY; DATA; DATABASE; BASED; CONDITION;
  OPERATE; DATA; STORAGE; UPDATE; RESERVE; LOG; MEMORY
Derwent Class: T01; W01
International Patent Class (Main): **G06F-012/00**
International Patent Class (Additional): **G06F-013/00 ; G06F-017/30 ;**
  H04L-012/54 ; H04L-012/58
File Segment: EPI

26/5/20   (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012965159   **Image available**
WPI Acc No: 2000-137010/200012
XRPX Acc No: N00-102424
Method of detecting junk e - mail
Patent Assignee: MICROSOFT CORP (MICR-N)
Inventor: DUMAIS S T; HECKERMAN D E; HORVITZ E; PLATT J C; SAHAMI M
Number of Countries: 023 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9967731	A1	19991229	WO 99US14087	A	19990622	200012	B
US 6161130	A	20001212	US 98102837	A	19980623	200067	
EP 1090368	A1	20010411	EP 99930560	A	19990622	200121	
			WO 99US14087	A	19990622		

Priority Applications (No Type Date): US 98102837 A 19980623
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9967731	A1	E	95	G06F-017/60	

    Designated States (National): CA CN JP
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
    MC NL PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6161130	A			G06F-015/16	
EP 1090368	A1	E		G06F-017/60	Based on patent WO 9967731

    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
    LU MC NL PT SE

Abstract (Basic): WO 9967731 A1
     NOVELTY - The method discriminates message content for a given
recipient through a probabilistic classifier trained on prior content
classification.
     DETAILED DESCRIPTION - The method uses an apparatus which includes
a probabilistic classifier (370) which, for a given recipient, detects
electronic **e - mail** messages, in an incoming message stream, which
that recipient is likely to consider junk. The apparatus discriminates
message content for that recipient, through a probabilistic classifier
trained on prior content classifications. Through a resulting
quantitative probability measure, which is an output confidence level,
produced by the classifier for each message and subsequently compared
against a predefined threshold, that message is classified as either
spam or legitimate mail. The mail is then **stored** in a corresponding
folder (223,227) for subsequent retrieval by and display to the
recipient. Based on the probability measure, the message can
alternatively be classified into a number of **different folders** ,
depicted in a predefined visually distinctive manner or simply
discarded in its entirety.
     INDEPENDENT CLAIMS are included for:
     (1) a computer-readable medium containing program instructions for
executing the method; and
     (2) an apparatus for classifying an incoming **electronic   message**
     .
     USE - The method is used to detect **e - mail** messages that a
recipient would consider as junk.
     ADVANTAGE - In the method the behavior of the classifier can track
changing subjective perceptions of spam and preferences of its
particular user.
     DESCRIPTION OF DRAWING(S) - The figure depicts a high level
functional block diagram of various software modules, and their
interaction, which are collectively used in the classifying apparatus.
     pp; 95 DwgNo 3A/6
Title Terms: METHOD; DETECT; JUNK; MAIL
Derwent Class: T01
International Patent Class (Main): **G06F-015/16 ; G06F-017/60**
International Patent Class (Additional): **G06F-015/173 ; G06F-017/30**

File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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012841098   **Image available**
WPI Acc No: 2000-012930/200001
XRPX Acc No: N00-010042
  **On-line service communication method in computer network communication
  systems such as** e - mail **service**
Patent Assignee: ATCOM INC (ATCO-N)
Inventor: ATHING W D; VAN HORNE P F
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5987498   A   19991116   US 96602630   A   19960216   200001 B

Priority Applications (No Type Date): US 96602630 A 19960216
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
US 5987498   A   23 G06F-013/362

Abstract (Basic): US 5987498 A
     NOVELTY - User configuration information corresponding to a remote
site computer is retrieved from the central server based on received
user identification information. A session change information is
displayed on remote site computer after termination of log-on session.
     DETAILED DESCRIPTION - After initiating log-on session in a remote
site computer, a user identification information at the remote site
computer is collected and forwarded to a control server.
     USE - For e.g. **e - mail** service etc.
     ADVANTAGE - Enables to collect messages from multiple electronic
sources and to present the messages to a user in a common format.
Facilitates checking of **e - mail** easily. Establishes communication
with **e - mail** service providers to avoid **keeping** up of **multiple**
e - mail boxes . Provides an **e - mail** scrapping function.
     DESCRIPTION OF DRAWING(S) - The drawing indicates a flow chart for
customer at remote site to retrieve on-line services.
     pp; 23 DwgNo 6/20
Title Terms: LINE; SERVICE; COMMUNICATE; METHOD; COMPUTER; NETWORK;
  COMMUNICATE; SYSTEM; MAIL; SERVICE
Derwent Class: T01
International Patent Class (Main): **G06F-013/362**
International Patent Class (Additional): **G06F-013/42**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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009590633   **Image available**
WPI Acc No: 1993-284179/199336
XRPX Acc No: N93-218570
   Electronic   mail   system **with mail** box **maintaining requirements**
   indicator **- has automatic operational requirements** indicator **, mail**
   box **maintaining section and controller, enabling efficient** deletion **of**
   unnecessary electronic   mail   **NoAbstract**
Patent Assignee: NEC SOFTWARE TOHOKU LTD (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 5199261   ,A   19930806 JP 928069   A   19920121 199336 B

Priority Applications (No Type Date): JP 928069 A 19920121
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 5199261   A   5 H04L-012/54

Abstract (Basic): JP 5199261 A
        Dwg.1/3
Title Terms: ELECTRONIC; MAIL; **SYSTEM** ; MAIL; **BOX** ; MAINTAIN; REQUIRE;
   INDICATE; AUTOMATIC; OPERATE; REQUIRE; INDICATE; MAIL; **BOX** ; MAINTAIN;
   SECTION; CONTROL; ENABLE; EFFICIENCY; **DELETE** ; UNNECESSARY; ELECTRONIC;
   MAIL; NOABSTRACT
Derwent Class: T01; W01
International Patent Class (Main): **H04L-012/54**
International Patent Class (Additional): **G06F-013/00 ; H04L-012/58**
File Segment: EPI

26/5/40   **(Item 40 from file: 347)**
DIALOG(R)File 347:JAPIO
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04929185   **Image available**
INFORMATION TRANSMISSION **METHOD** AND INFORMATION COMMUNICATION EQUIPMENT

ABSTRACT
PURPOSE: To allow a sender to confirm a text immediately without inquiry of
a recipient by sending an unread notice text to a notice destination when a
sender side information communication equipment does not receive the text
till a text read closing date of the recipient.

CONSTITUTION: A post office as a sender side information communication
equipment includes read closing date information designating a text read
closing date by a recipient and notice destination address information
informing non- read of a text when the text is not read to a transmission
text and sends the resulting text. Upon the receipt of texts from post
offices P1, P2, P3 by a receiver side, the text is **stored** in an
individual **box** of a reception mail **box** 17. When an un-read monitor
request **flag** of un-read monitor request information included in the
received **electronic** **mail** is set, a read **flag** F of read closing date
information 22 of the received **electronic** **mail** **stored** in the received
mail **box** is set to '1' representing a monitoring state of un-read. Then
an un-read monitor request counter of a storage section 15 is incremented
by 1 and the result is **stored** in addition to an area 19 of the storage
section 15.

04579050   **Image available**
MAIL BOX MANAGEMENT METHOD

PUB. NO.:   06-250950 [JP 6250950 A]
PUBLISHED: September 09, 1994 (19940909)
INVENTOR(s):   SHINDO YOSHIMITSU
                 TAKAHASHI KEIKO
APPLICANT(s):   HITACHI LTD [000510] (A Japanese Company or Corporation), JP
                 (Japan)
                 HITACHI KEIYO ENG CO LTD [485526] (A Japanese Company or
                 Corporation), JP (Japan)
APPL. NO.:   05-035623 [JP 9335623]
FILED: February 24, 1993 (19930224)
INTL CLASS: [5] **G06F-013/00 ; H04L-012/54 ; H04L-012/58**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3
                 (COMMUNICATION -- Telegraphy)
JAPIO KEYWORD:R139 (INFORMATION PROCESSING -- Word Processors)
JOURNAL: Section: P, Section No. 1839, Vol. 18, No. 645, Pg. 137,
                 December 07, 1994 (19941207)

ABSTRACT
PURPOSE: To automatically group-manage an **electronic** **mail** box by
collating a condition as against accessory information on the **electronic**
mail which a user previously defines with accessory information of the
received mail and storing it in a peculiar mail box.

CONSTITUTION: An **electronic** **mail** accessory information collation part
107 collates accessory information of the **electronic** **mail** , which is
extracted in an **electronic** **mail** accessory information extraction part
104, with the distribution condition of the **electronic** **mail** extracted
in a received **electronic** **mail** distribution condition extraction part
106 into the peculiar mail box. Then, a storage destination peculiar mail
box specification part 108 defines the peculiar mail box coincided with the
condition from the **plural** peculiar mail **boxes** in a received **electronic**
mail distribution condition 105 which the user defines as the storage
destination of the received **electronic** **mail** . Furthermore, an
electronic **mail** distribution part 109 extracts the **electronic** **mail**
arrived at a standard **electronic** **mail** box 101 and **stores** the
electronic **mail** in the peculiar mail box specified by the storage
destination peculiar mail box specification part 108.

```
Set     Items    Description
S1      58267    EMAIL OR (E OR ELECTRONIC)()(MAIL? OR MESSAG?) OR EMESSAG?
S2      221164   DELET? OR CLEAN()OUT? ? OR EXPUNGE? OR SCRUB OR KILLFILE? -
                 OR ERASE? OR ERASING?
S3      199857   FOLDER? OR SUBFOLDER? OR SUBDIRECTORY OR SUBDIRECTORIES OR
                 BOX? OR DIRECTORY
S4      304063   FLAG? ? OR TAG? ? OR INDICATOR? ?
S5      20905359 ORGANIZ? OR BULK? OR ORGANIS? OR ARRANG? OR SYSTEM? OR MET-
                 HOD? OR PROCEDUR?
S6      953341   RETAIN? OR KEEP? OR SAVE? OR STORE?
S7      12717    (SECOND OR DIFFERENT? OR 2ND OR TWO OR 2 OR MULTIPL? OR PL-
                 URAL?)(2N)S4
S8      8766     (SEPARATE? OR DIFFERENT? OR ANOTHER? OR EXTRA OR SPARE OR -
                 MULTIPL? OR PLURAL? OR TWO OR 2)(2N)S3
S9      0        S1 AND S7 AND S8
S10     15       S1 AND S7
S11     79       S1 AND S8
S12     55       S11 AND (S5 OR S2 OR S6)
S13     8        S10 AND (S5 OR S2 OR S6)
S14     63       S12 OR S13
S15     60       RD (unique items)
S16     45       S15 NOT PY>1999
S17     2        S7 AND S8 AND (S2 OR S5 OR S6)
S18     47       S17 OR S16
S19     47       S18 NOT PD=19990928:20020928
S20     47       S19 NOT PD=20020928:20040401
File    8:Ei Compendex(R) 1970-2004/Feb W4
          (c) 2004 Elsevier Eng.  Info. Inc.
File   35:Dissertation Abs Online 1861-2004/Feb
          (c) 2004 ProQuest Info&Learning
File  202:Info. Sci. & Tech. Abs. 1966-2004/Feb 20
          (c) 2004 EBSCO Publishing
File   65:Inside Conferences 1993-2004/Feb W5
          (c) 2004 BLDSC all rts. reserv.
File    2:INSPEC 1969-2004/Feb W4
          (c) 2004 Institution of Electrical Engineers
File   94:JICST-EPlus 1985-2004/Feb W4
          (c)2004 Japan Science and Tech Corp(JST)
File  111:TGG Natl.Newspaper Index(SM) 1979-2004/Mar 03
          (c) 2004 The Gale Group
File  233:Internet & Personal Comp. Abs. 1981-2003/Sep
          (c) 2003 EBSCO Pub.
File  144:Pascal 1973-2004/Feb W4
          (c) 2004 INIST/CNRS
File   34:SciSearch(R) Cited Ref Sci 1990-2004/Feb W4
          (c) 2004 Inst for Sci Info
File   99:Wilson Appl. Sci & Tech Abs 1983-2004/Jan
          (c) 2004 The HW Wilson Co.
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Set      Items    Description
S1       23681    EMAIL OR (E OR ELECTRONIC)()(MAIL? OR MESSAG?) OR EMESSAG?
S2      106239    DELET? OR CLEAN()OUT? ? OR EXPUNGE? OR SCRUB OR KILLFILE? -
                  OR ERASE? OR ERASING?
S3      306202    FOLDER? OR SUBFOLDER? OR SUBDIRECTORY OR SUBDIRECTORIES OR
                  BOX? OR DIRECTORY
S4      202558    FLAG? ? OR TAG? ? OR INDICATOR? ?
S5     7738433    ORGANIZ? OR BULK? OR ORGANIS? OR ARRANG? OR SYSTEM? OR MET-
                  HOD? OR PROCEDUR?
S6     1700634    RETAIN? OR KEEP? OR SAVE? OR STORE?
S7       13069    (SECOND OR DIFFERENT? OR 2ND OR TWO OR 2 OR MULTIPL? OR PL-
                  URAL?)(2N)S4
S8       27805    (SEPARATE? OR DIFFERENT? OR ANOTHER? OR EXTRA OR SPARE OR -
                  MULTIPL? OR PLURAL? OR TWO OR 2)(2N)S3
S9           0    S1 AND S7 AND S8
S10         37    S7 AND S8
S11         21    S10 AND (S2 OR S5 OR S6)
S12          7    S11 AND IC=(G06F? OR H04L?)
S13          7    IDPAT (sorted in duplicate/non-duplicate order)
S14          7    IDPAT (primary/non-duplicate records only)
File 347:JAPIO Oct 1976-2003/Oct(Updated 040202)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200415
         (c) 2004  Thomson Derwent
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04832157   E.I. No: EIP97093843120
  Title: Technique for multi-network access to multimedia messages
  Author: Patel, Ahmed; Gaffney, Kevin
  Corporate Source: Univ Coll Dublin, Dublin, Irel
  Source: Computer Communications v 20 n 5 July 1997. p 324-337
  Publication Year: 1997
  CODEN: COCOD7   ISSN: 0140-3664
  Language: English
  Document Type: JA; (Journal Article)   Treatment: A; (Applications)
  Journal Announcement: 9711W3
  Abstract: Effective communication requires support for interactive (e.g.
telephony) as well as message-based (e.g. **electronic   mail** , fax)
communication. Message-based communication has the advantage for users in
that it allows the recipient to answer and react to incoming
correspondences when it suits them. Given the number of varying and
differing message-based communication **systems** available and used these
days, it is becoming necessary for users to flurry through an increasing
array of 'mail boxes'. This leads to much unnecessary time being spent
sorting and filing such messages into **separated   folders** , file **systems**
, etc. This paper introduces the basis for a Personal Message Centre (PMC).
The PMC provides its users with one common message **store** for all message
communications. In addition, PMC users will have the possibility to access
such a common message **store** from a range of terminal types, such as
computer terminals, mobile/fixed telephones. Users will be provided with a
range of services to assist them in their personal communication tasks.
(Author abstract) 14 Refs.
  Descriptors: Personal communication **systems** ; Voice/data communication
systems ; Telecommunication networks; Mobile telecommunication **systems** ;
Telecommunication services; Communication channels (information theory);
Network protocols
  Identifiers: Personal message centre; Message based communication
systems ; Associated message transfer **systems** ; Multimedia messages
  Classification Codes:
  718.1   (Telephone Systems & Equipment); 716.1   (Information &
Communication Theory); 723.2   (Data Processing)
  718   (Telephone & Line Communications); 716   (Radar, Radio & TV
Electronic Equipment); 723   (Computer Software)
  71   (ELECTRONICS & COMMUNICATIONS); 72   (COMPUTERS & DATA PROCESSING)

20/5/7   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

  Abstract: Discusses some Internet protocols for desktop **e - mail** . The
Post Office Protocol (POP) is a simple protocol that lets an intermittent
user connect with a central mail server over TCP/IP and download any mail
received to the local workstation or desktop PC and send outgoing mail to
the server for delivery. POP version 3 (POP3) is now designated to become
an Internet Standard Protocol, a category reserved for only a few TCP/IP
application protocols. Like many other TCP/IP applications, POP is based on
a simple client-server architecture driven by the client. The Internet
Message Access Protocol (IMAP) is a competing design for handling
intermittent mail users. While POP was promoted at University of California
at Berkeley, IMAP was developed at Stanford University. In a previous
incarnation, IMAP was called the Interactive Mail Access Protocol. The name
change occurred with IMAP version 4. Compared with POP3, IMAP is a more
complex and powerful protocol designed to provide greater control of a
user's remote mailbox and mail folders. The IMAP4 protocol supports
 retaining messages on the IMAP server, moving or copying messages to
 separate mail **folders** , and even manipulating or viewing separate parts
of a multi-part MIME **e - mail** message. IMAP also supports searching mail
files on the server for specific text. (0 Refs)
  Subfile: B C
  Descriptors: access protocols; client-server **systems** ; **electronic
mail** ; Internet; microcomputer applications; transport protocols
  Identifiers: Internet protocols; desktop **electronic   mail** ; Post Office
Protocol; intermittent users; central mail server; TCP/IP; downloading; POP
version 3; client-server architecture; Internet Message Access Protocol;
IMAP version 4; remote mailbox; mail folders; MIME; text searching
  Class Codes: B6210G (Electronic mail); B6210L (Computer communications);
B6150M (Protocols); C5640 (Protocols); C7104 (Office automation); C5620W
(Other computer networks); C6150N (Distributed systems software)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

00531782   99PM04-019
  Hassle-free office e - mail -- **Outsource your mail server and** save **big on service and support**
    Georgia, Bonny L
    PC Computing , April 1, 1999 , v12 n4 p120, 1 Page(s)
    ISSN: 0899-1847
    Company Name: USA.Net
    Product Name: PostOffice.Net
    Languages: English
    Document Type: Software Review
    Grade (of Product Reviewed): C
    Hardware/Software Compatibility: IBM PC Compatible
    Geographic Location: United States
    Presents a mixed review of PostOffice.Net, a Web-based **e - mail** service (starting at $5.50 per month plus $75 setup fee) by USA.Net (800). Describes the service as providing low-overhead corporate **e - mail** via the Web with trade-offs. Explains that it includes **multiple folders** for sorting mail, customized filtering rules, and spam-blocking tools and **stores** messages on servers instead of on the user's hard drive, allowing them to retrieve new mail or compose messages securely from anywhere via a browser. Says user does not have to buy any hardware or software. Notes that it has a ``rough'' interface and that there is slow processing over a dial-up connection. Says that if users are in the market for outsourced, scalable **e - mail** it is a good start, but accessing menus and customizing messaging features over the Internet can be a painfully slow process. Rated three on a scale of one to five. Includes two screen displays. (CT)
    Descriptors: **Electronic   Mail** ; World Wide Web; Spamming; Security; Web Browsers; Messaging
    Identifiers: PostOffice.Net; USA.Net

00501410   98PW07-041
Smart mail, stupid software
Manes, Stephen
PC World , July 1, 1998 , v16 n7 p346, 1 Page(s)
ISSN: 0737-8939
Languages: English
Document Type: Articles, News & Columns
Geographic Location: United States

Provides a profile on managing **electronic mail** . Says as internet standards develop, incompatibilities are gradually disappearing; but problems with **electronic mail** software continues. Explains **organizing** your **e - mail** remains difficult. Says that although you can set up filters to scan incoming messages and funnel them to waiting folders, that practice takes quite a bit of programming knowledge. Adds it also requires the user to wade through **multiple folders** just to check their mail. Says despite years of improvements, mail programs are not sufficiently advanced. Notes for example, that a user should not have to spend hours sorting through mail and moving it from one **folder** to **another** . The program should do it automatically. Concludes new developments in **e - mail** software would shorten the time spent managing mail. Contains one photograph. (EB)
Descriptors: **Electronic Mail ;** Software; Management

DIALOG(R)File 233:Internet & Personal Comp. Abs.

00489615   98IW03-021
   Quirks mar Eudora's unique capabilities; Eudora Pro Email **, version 4.0**
   Symoens, Jeff
   InfoWorld , March 2, 1998 , v20 n9 p122, 1 Page(s)
   ISSN: 0199-6649
   Company Name: Qualcomm
   URL: http://www.qualcomm.com
   Product Name: Eudora Pro **Email** 4.0
   Languages: English
   Document Type: Software Review
   Grade (of Product Reviewed): B
   Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows
95; Macintosh; Microsoft Windows NT
   Geographic Location: United States
   Presents a favorable capsule review of Eudora Pro **Email** , Version 4.0
($39), an IMAP4 **e - mail** client program from Qualcomm Inc. of San Diego,
CA (800, 619). Says it runs on IBM PC compatibles with Windows 95 or NT, or
on 68000- and PowerPC-based Macintoshes. Indicates that Eudora Pro easily
handles basic IMAP4 functions, and says it caches message content for
offline viewing. Reports this program is unique in that it allows user to
create multiple profiles for working with multiple **e - mail** accounts,
move **e - mail** from a folder in one IMAP4 mail account to a **folder** in
 another , and issue a query across several selected LDAP directories
within a single operation. States that Eudora Pro's three-pane view, one
each for folder list, message list, and message preview, offers simple
message management. Complains, however, that Eudora Pro's help **system** is
somewhat scattered, and says it does not allow for offline management.
Includes one screen display.
   Descriptors: **Electronic Mail** ; Client-Server Computing; Internet
   Identifiers: Eudora Pro **Email** 4.0; Qualcomm

00402269   95CW11-201
   E - mail **directory chaos plagues IS**
   Mohan, Suruchi
   Computerworld , November 20, 1995 , v29 n47 p1, 127, 2 Page(s)
   ISSN: 0010-4841
   Languages: English
   Document Type: Feature Articles and News
   Geographic Location: United States
   Reports on the problems of companies with heterogeneous **e - mail**
systems and no central **system** for updating and synchronizing entries.
Says each mail **system** has its own directory which is a database of user
names and their mail addresses. Adds that information in different mail
systems are hard to synchronize because the fields are often **different** .
Notes that **directory** synchronization and implementation requires much
planning. Also says there are corporate political issues involved in the
use of e-m **systems** . (dpm)
   Descriptors: **Electronic   Mail** ; Network Management; Synchronization;
Business; Management

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Set     Items     Description
S1      2541990   EMAIL OR (E OR ELECTRONIC)()(MAIL? OR MESSAG?) OR EMESSAG?
S2       411725   DELET? OR CLEAN()OUT? ? OR EXPUNGE? OR SCRUB OR KILLFILE? -
                  OR ERASE? OR ERASING?
S3      2673278   FOLDER? OR SUBFOLDER? OR SUBDIRECTORY OR SUBDIRECTORIES OR
                  BOX? OR DIRECTORY
S4      1214170   FLAG? ? OR TAG? ? OR INDICATOR? ?
S5     21705627   ORGANIZ? OR BULK? OR ORGANIS? OR ARRANG? OR SYSTEM? OR MET-
                  HOD? OR PROCEDUR?
S6     10054464   RETAIN? OR KEEP? OR SAVE? OR STORE?
S7        40403   (SECOND OR DIFFERENT? OR 2ND OR TWO OR 2 OR MULTIPL? OR PL-
                  URAL?)(2N)S4
S8       107503   (SEPARATE? OR DIFFERENT? OR ANOTHER? OR EXTRA OR SPARE OR -
                  MULTIPL? OR PLURAL? OR TWO OR 2)(2N)S3
S9         3884   S1(S)(S7 OR S8)
S10           9   S1(S)S7(S)S8
S11         218   S9(S)S2
S12         101   S11(S)S5
S13          47   S12(S)S6
S14          56   S10 OR S13
S15          34   RD (unique items)
S16          17   S15 NOT PY>1999
S17          17   S16 NOT PD=19990928:20010928
S18          17   S17 NOT PD=20010928:20040309
File 275:Gale Group Computer DB(TM) 1983-2004/Mar 03
         (c) 2004 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2004/Mar 03
         (c) 2004 The Gale group
File  75:TGG Management Contents(R) 86-2004/Feb W4
         (c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Mar 03
         (c) 2004 The Gale Group
File  16:Gale Group PROMT(R) 1990-2004/Mar 03
         (c) 2004 The Gale Group
File 624:McGraw-Hill Publications 1985-2004/Mar 01
         (c) 2004 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2004/Feb W4
         (c) 2004 ProQuest
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2004/Jan
         (c) 2004 The HW Wilson Co
File 696:DIALOG Telecom. Newsletters 1995-2004/Mar 02
         (c) 2004 The Dialog Corp.
File 553:Wilson Bus. Abs. FullText 1982-2004/Jan
         (c) 2004 The HW Wilson Co
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Mar 02
         (c) 2004 The Gale Group
File 674:Computer News Fulltext 1989-2004/Feb W4
         (c) 2004 IDG Communications
File  88:Gale Group Business A.R.T.S. 1976-2004/Mar 03
         (c) 2004 The Gale Group
File 369:New Scientist 1994-2004/Feb W4
         (c) 2004 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2004/Mar 03
         (c) 2004 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2004/Mar 03
         (c) 2004 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2004/Mar 02
         (c) 2004 Resp. DB Svcs.
File  13:BAMP 2004/Feb W4
         (c) 2004 Resp. DB Svcs.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 647:CMP  Computer Fulltext 1988-2004/Feb W4
         (c) 2004 CMP Media, LLC
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075152
Partnership platforms
**SoftArc's FirstClass Intranet Server leads the collaboration pack, but
    Cobalt's Qube 2 isn't far behind.**
Byline: Mark Gibbs, Network World Test Alliance
Journal: Network World   Page Number: 63
Publication Date: June 07, 1999
Word Count: 1652   Line Count: 149

Text:
... departments. We looked at three products that attempt to solve the
collaboration problem by giving **organizations** multiple means of
communication. All the products include a Web server, an **e - mail** server
and some means of interactive discussion, in the manner of Usenet
newsgroups.SoftArc's FirstClass Intranet Server (FCIS) came out tops in our
tests. This sophisticated bulletin board **system** (BBS) runs on Mac OS and
Windows NT. It can communicate with client **systems** over dial-up
connections as well as TCP/IP, IPX and AppleTalk. FCIS comes with...

... full access to browser users. The product offers many features:threaded
discussion lists; standards-based **e - mail** that integrates with FCIS'
proprietary messaging services; news services that link to Usenet
newsgroups; chat...

...well-designed, and there's even telnet support for die-hard command-line
junkies. The **system** is extensible and has attracted a flock of
third-party developers. In short, we were very impressed. FCIS is good
looking and well-featured, and the **system** 's overall performance is
excellent. Running a close second was Cobalt Networks' Qube 2, a...

... The software includes Linux 2.0 with the Apache 1.3 Web server,
standards-based **e - mail** , FTP, firewall and IP gateway services, and a
content search engine.You can do all...

... Linux to succeed with telnet.Qube 2's user interface is completely
Web-based. It **organizes** all the product's facilities hierarchically,
keeping the presentation clean and simple.Finishing a distant third was
the Santronics' Wildcat Interactive Net...

... it was acquired by Santronics.While WINS does have conferences,
newsgroup support, proprietary and Internet **e - mail** , and a Web interface
that all work well, we found the product to be overly...
... dialog lets you choose a settings file in which a set of logon
parameters is **stored** . The logon parameters include the server you want to
log on to as well as...

... and optionally, the associated password, which is masked for security.
Unfortunately, if you choose to **save** the password there's no way to
erase it without entering and storing an incorrect password - hardly an
intuitive process. The real issue is that you probably will not want users
to be able to **save** passwords at all; sadly, that is not something you can
disable.As soon as you...

... window containing folders for each service: mailbox, news, conferences
and help. Double-clicking on a **folder** opens a **separate** window, so you
can wind up with a lot going on quickly. What the client...

...the latter must be switched off if the virtual Winsock is run. In short,
this **system** is a real pain to install and may be incompatible with the
majority of corporate... to administrative functions and user
services.Santronics' WINS makes Web access more difficult. Let us **save**
you a lot of time when you're trying to set up Web service: You...

... you do access the WINS server through HTML, you'll find a clean and

well- **organized** presentation of services, in sharp contrast to the rest of the product. ServicesAll the products support Simple Mail Transfer Protocol/Post Office Protocol 3, internal **e - mail** lists and integration with external **e - mail** lists and newsgroups. WINS and FCIS have their own proprietary messaging **systems** as well, and FCIS and Qube 2 also offer built-in Internet Message Access Protocol...

... number of custom HTML tags that reference the product's features, such as the messaging **system** and conferences. The server interprets these tags on the fly to create dynamic Web pages...

...Cobalt doesn't document ways to extend these services. In various places in the administration **system** , you are warned that certain unspecified modifications may invalidate the warranty - not a very helpful approach. Qube 2 provides a basic page-building **system** through the Web interface, but because it also supports FrontPage extensions, it's better not...

... addresses to a single network interface, changing the configuration of the FrontPage extensions and handling **e - mail** through the Web interface are not supported, which seem to be significant omissions. Even so.